

Converting Colors

$Y_{xy}(40.3880, 0.3566, 0.3800)$

Have a look what the booklet for
Yxy(40.3880, 0.3566, 0.3800)
contains.

Yxy(40.3880, 0.3566, 0.3800)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.3880, 0.3566, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	B6AA85
RGB	182, 170, 133
RGB Percent	71%, 67%, 52%
CMY	0.2863, 0.3333, 0.4784
CMYK	0.00, 0.07, 0.27, 0.29
HSL	45°, 25%, 62%
HSV	45°, 27%, 71%
XYZ	37.9009, 40.3880, 27.9953
YIQ	169.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

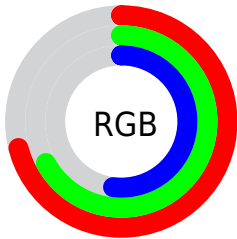
Format	Color
R _Y B	149, 182, 133
Decimal	11971205
CIE Lab	69.74, -1.57, 20.66
CIE LCh	70, 20.720, 94.341
Yxy	40.3880, 0.3566, 0.3800
Android (android.graphics.Color)	4290161285 (0xFFB6AA85)
YUV	169.3700, -17.9304, 11.0765
Hunter-Lab	63.5516, -4.7612, 18.3681

Details

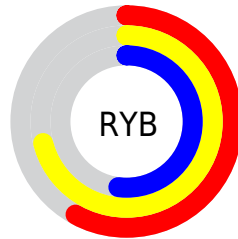
The Yxy color **40.3880, 0.3566, 0.3800** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.6221, 0.2686, 0.2722**, and the grayscale version is **39.9541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5727, 0.3484, 0.3706**, and **18.1706, 0.3690, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **38.2861, 0.3747, 0.3993**, and if you desaturate by 10%, it is **42.6374, 0.3393, 0.3606**.

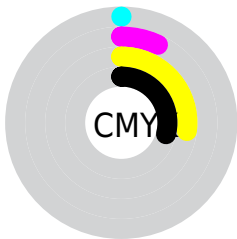
Distribution



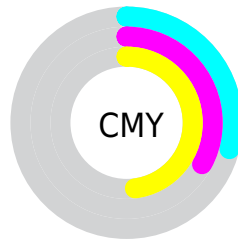
- Red (71%)
- Green (67%)
- Blue (52%)



- Red (58%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (29%)





- Cyan (29%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3880, 0.3566, 0.3800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 40.3880, 0.3566, 0.3800 by changing the saturation by 10% instead.


 40.3880, 0.3566,
0.3800


 40.3880, 0.3566,
0.3800


347.7562, 0.3343,
0.3539


 27.8412, 0.3622,
0.3866


 75.7540, 0.3484,
0.3704

 18.2060, 0.3695,
0.3952


 99.3419, 0.3454,
0.3668

 11.0980, 0.3790,
0.4067


 127.3791, 0.3428,
0.3638

 6.1328, 0.3923,
0.4227

160.2498, 0.3406,
0.3613

 2.9260, 0.4112,
0.4461

198.3385, 0.3387,
0.3591

 1.0932, 0.4766,
0.5234

242.0295, 0.3371,

 0.0000, 0.0000,

0.3571

0.0000

291.7073, 0.3356,
0.3554

■ 40.3880, 0.3566,
0.3800

■ 40.3880, 0.3566,
0.3800

■ 38.2861, 0.3747,
0.3993

■ 42.6374, 0.3393,
0.3606

■ 36.3213, 0.3933,
0.4178

■ 45.0335, 0.3231,
0.3416

■ 34.4897, 0.4116,
0.4344

■ 47.5827, 0.3083,
0.3235

■ 32.7856, 0.4289,
0.4483

■ 50.2890, 0.2947,
0.3065

■ 31.2021, 0.4444,
0.4583

■ 53.1567, 0.2825,
0.2906

■ 29.7317, 0.4574,
0.4639

■ 56.1893, 0.2715,
0.2760

■ 28.3637, 0.4675,
0.4648

■ 59.0366, 0.2646,
0.2680

■ 27.9560, 0.4704,
0.4647

■ 61.1484, 0.2652,
0.2733

■ 63.3210, 0.2657,
0.2785

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.3880, 0.3718, 0.3640



40.3880, 0.3566, 0.3800



40.3880, 0.3299, 0.3823

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.3880, 0.3566, 0.3800



40.3880, 0.2583, 0.3132



40.3880, 0.3240, 0.2940

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.3880, 0.3566, 0.3800



28.6221, 0.2686, 0.2722

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.3880, 0.2935, 0.2812



40.3880, 0.3566, 0.3800



40.3880, 0.2568, 0.2908

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.3880, 0.3566, 0.3800



40.3880, 0.2736, 0.3420



40.3880, 0.2693, 0.2797



40.3880, 0.3526, 0.3151

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.3880, 0.3566, 0.3800



40.3880, 0.3096, 0.3746



40.3880, 0.2693, 0.2797



40.3880, 0.3136, 0.2886

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.3898, 0.3566, 0.3800



81.0983, 0.3250, 0.3439



28.7784, 0.3555, 0.3117



17.7648, 0.3274, 0.3467



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.3898, 0.3566, 0.3800



71.0471, 0.3667, 0.3909



43.6692, 0.3414, 0.3977



10.1206, 0.3270, 0.3462



19.8502, 0.4697, 0.4653



0.7905, 0.4542, 0.4776

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.6221, 0.2686, 0.2722



46.3099, 0.2584, 0.2582



26.2020, 0.2784, 0.2555



9.0673, 0.2985, 0.3112



3.7779, 0.1583, 0.0898



0.2332, 0.1726, 0.1414

Previews

White Background



This preview shows how the Yxy color 40.3880, 0.3566, 0.3800 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 40.3880, 0.3566, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

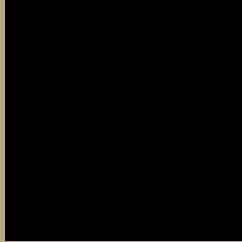
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

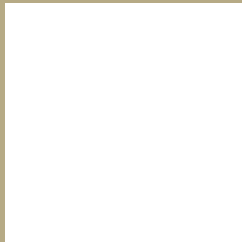
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3880, 0.3566, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 40.3880, 0.3566, 0.3800.



This preview shows how white text looks on a background with the Yxy color 40.3880, 0.3566, 0.3800.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.3880, 0.3566, 0.3800

Protanopia

40.3880, 0.3566, 0.3800

Deuteranopia

40.4143, 0.3748, 0.3683



Tritanopia

40.2900, 0.3229, 0.3119

Trichromacy



Original Color

40.3880, 0.3566, 0.3800

Protanomaly

40.3880, 0.3566, 0.3800

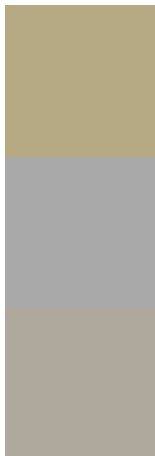
Deuteranomaly

40.3311, 0.3680, 0.3717

Tritanomaly

40.1599, 0.3351, 0.3358

Monochromacy



Original Color

40.3880, 0.3566, 0.3800

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7749, 0.3286, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3880, 0.3566, 0.3800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 170, 133)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 133)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 170, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 133) }
```

Border

The CSS property to change the border of an element to Yxy 40.3880, 0.3566, 0.3800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 170, 133) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 170, 133) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 170, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 133);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3880, 0.3566, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 133) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
170, 133) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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